



The Clorox Company  
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Pleasanton, California 94568  
Tel. (415) 847-6100

## Material Safety Data Sheet

| CLOROX-HMIS         |    |
|---------------------|----|
| HEALTH              | 2* |
| FLAMMABILITY        | 0  |
| REACTIVITY          | 1  |
| Personal Protection | 8  |

| <b>I Chemical Identification</b>  |  |   |             |               |                       |                                       |       |                 |
|---|--|---|-------------|---------------|-----------------------|---------------------------------------|-------|-----------------|
| <b>NAME:</b> LEMON FRESH CLOROX   |  | <b>CAS no.</b> N/A  |             |               |                       |                                       |       |                 |
| <b>DESCRIPTION:</b> FRAGRANCED BLEACH   |  | <b>RTECS no.</b> N/A  |             |               |                       |                                       |       |                 |
| <b>Other Designations</b> <b>Manufacturer</b> <b>Emergency Procedure</b>  |  |   |             |               |                       |                                       |       |                 |
| Sodium hypochlorite<br>Liquid chlorine bleach<br>EPA Reg. No. 5813-20   | The Clorox Company<br>1221 Broadway<br>Oakland, CA 94612 | Notify your Supervisor<br>Call your local poison control Center<br>or<br>Rocky Mountain Poison Center<br>(303) 573-1014   |             |               |                       |                                       |       |                 |
| <b>II Health Hazard Data</b>  |  | <b>III Hazardous Ingredients</b>  |             |               |                       |                                       |       |                 |
| <p>*Causes severe but temporary eye injury. May irritate skin. May cause nausea and vomiting if ingested. Exposure to vapor or mist may irritate nose, throat and lungs. The following medical conditions may be aggravated by exposure to high concentrations of vapor or mist: heart conditions or chronic respiratory problems such as asthma, chronic bronchitis or obstructive lung disease. Under normal consumer use conditions the likelihood of any adverse health effects are low. <b>FIRST AID:</b> <b>EYE CONTACT:</b> Immediately flush eyes with plenty of water. If irritation persists, see a doctor. <b>SKIN CONTACT:</b> Remove contaminated clothing. Wash area with water. <b>INGESTION:</b> Drink a glassful of water and call a physician. <b>INHALATION:</b> If breathing problems develop, remove to fresh air.</p> |  | <table><thead><tr><th>Ingredients</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>Sodium hypochlorite<br/>CAS# 7681-52-9</td><td>5.25%</td><td>not established</td></tr></tbody></table> <p>None of the ingredients in this product are on the IARC, OSHA or NTP carcinogen lists. Occasional clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (eg. irritation) occurs during exposure. Routine clinical tests conducted on intact skin with Lemon Fresh Scent found no sensitization in the test subjects.</p> | Ingredients | Concentration | Worker Exposure Limit | Sodium hypochlorite<br>CAS# 7681-52-9 | 5.25% | not established |
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| Sodium hypochlorite<br>CAS# 7681-52-9   | 5.25%  | not established   |             |               |                       |                                       |       |                 |
| <b>IV Special Protection Information</b>  |  | <b>V Special Precautions</b>  |             |               |                       |                                       |       |                 |
| <p><b>Hygienic Practices:</b> Wear safety glasses and gloves.</p> <p><b>Engineering Controls:</b> Use general ventilation to minimize exposure to vapor or mist</p> <p><b>Work Practices:</b> Avoid eye and skin contact and inhalation of vapor or mist</p>  |  | <p>Keep out of reach of children. Do not get in eyes or on skin. Wash thoroughly with soap and water after handling. Do not mix with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acid or ammonia containing products. Store in a cool, dry place. Do not reuse empty container; rinse container and put in trash container. Do not use for food or water treatment.</p> <p>This product is not registered with the EPA as a disinfectant.</p>   |             |               |                       |                                       |       |                 |
| <b>VI Spill or Leak Procedures</b>  |  | <b>VII Reactivity Data</b>  |             |               |                       |                                       |       |                 |
| <p>Small quantities of less than 5 gallons may be flushed down drain. For larger quantities wipe up with an absorbent material or mop and dispose of in accordance with local, state and federal regulations. Dilute with water to minimize oxidizing effect on spilled surface.</p>  |  | <p>Stable under normal use and storage conditions. Strong oxidizing agent. Reacts with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acids or ammonia containing products to produce hazardous gases, such as chlorine and other chlorinated species. Prolonged contact with metal may cause pitting or discoloration.</p>  |             |               |                       |                                       |       |                 |
| <b>VIII Fire and Explosion Data</b>   |  | <b>IX Physical Data</b>   |             |               |                       |                                       |       |                 |
| <p>Not flammable or explosive. In a fire, cool containers to prevent rupture and release of sodium chlorate.</p>  |  | <p>Boiling point-----212°F/100°C (decomposes)<br/>Specific Gravity (H<sub>2</sub>O=1)-----1.085<br/>Solubility in Water-----complete<br/>pH-----12.5</p>  |             |               |                       |                                       |       |                 |